L Number 2		Search Text resist photoresist photo-resist photosensitive photo-sensitive (sensitive near (photo light energy radiation))	DB USFAT; US-PGPUB; EP1; JP0; DESWENT	Time stamp 2003'06'20 13:17
3	7419	negative near2 (working patterning lithograph%)	USFAT; US-PGPUE; EFO; JPG; DEFWENT	2003/06/30 13:19
,	3744	negative-working	USFAT; US-PGPUB; BPO; JPO; DEFWENT	2003 06/20 13:18
5	17449	<pre>(resist photoresist photo-resist photosensitive photo-sensitive (sensitive near (photo light energy radiation))) near2 negative</pre>	USFAT; US-PGPUE; EFO; UFO; DEFWENT	2003:06/20 13:19
7	128604	(hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)	USPAT; US-PGPUB; EEC; JEC; DESWENT	2003 06740 13:20
9	329995	topopat ((second! upper top) near (layer coating film))	USPAT; US-PGPUB; EPI; UPO; DEPWENT	2003 06700 13:01
13	401030	<pre>basecoat ((first! lower bottom base) near (layer coating film))</pre>	USEAT; US-PGPUB; EFO; JEO; DEPWENT	2003:06/30 16:10
11	939	o-quinonediazide	USFAT; US-PGPUB; EFO; UFO; DEFWENT	2003/06/20 14:03
13	2711	(flood\$3 blanket) near2 (expos\$4 irradiat\$5)	USEAT; US-PGFUB; EPO; JEO; DEFWENT	2003 r06/00 13:23
14	101	inderecarboxylic adj acid	USEAT; US-PGFUP; EFC; GFC; CEFWENT	1003 06/10 13:13
15	175947	ir! infrared adj radiation	USEAT; US-PGFUB; EFO; JEO; DEFWENT	2003/06/10 13:53
16	11989	indere	USEAT; US-PGFUE; EEC; UEC; DEFWENT	2003/06/10 13:13
17	718	photothermal adj conversion	USEAT; US-PGFUE; EFC; UFC; DEFWENT	2003 06, 20 13:14
18	338916	dye	USFAT; US-PGPUB; EFC; JFC;	2003/06,80 13:14
1	263	RAY-KEVIN-Bin. RAY-KEVIN-BARRYin. RAY-K-Bin. KITSCN-ANTHONY-Pin. KITSCN-Ain. KITSCNin. KITSCN-A-Pin.	DEFWENT USPAT; US-PGPUB; EFO; JFO; DEFWENT; IBM TUB	2003.06/20 13:23
<u>:</u> 9	39923	infra-red infra adj red	USFAT; US-PGPUB; EPO; UPO; DERWENT	2003/06/20 13:53

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20	2	(RAY-KEVIN-Bin. FAY-MEVIN-BARFYin. RAY-M-Bin. KITSOM-ANTHONY-Pin. KITSOM-ANTHONY-Pin. KITSOM-ANTHONY-PAULin. KITSOM-A-Pin. and (negative near2 (working patterning lith.graphs6 photolithugraphse))	USPAT; US-PGPUB, EFC; JFO; DERWENT	
21	5724	<pre>hegative-working (resist photoresist photo-resist photosensitive photo-sensitive sensitive near (photo light energy radiation)) near2 negative) 8 (lithographSt photolithographse</pre>		
		phot:-lithograph\$(printing) near2 plate	TSPAT; US-PGEUB; EPO; JPO;	
23	4	3 (RAY-KEVIN-Bin. FAY-KEVIN-BARRYin. RAY-Y-Bin. FITSIN-ANTHONY-Bin. FITS N-Ain. FITSINin. FITSON-ANTHINY-PACKin. FITSON-A-Pin. and lithographs6 photolithographs6	=	2013 16 20 13:35
24	4 6	FAY-FEVIN-Fin. FAY-EFVIN-BARFYin. FAY-F-Bin. FITSON-ANTHONY-Pin. FITSON-ANTHONY-PAULin. FITSON-ANTHONY-PAULin. FITSON-A-Fin. FITSON-ANTHONY-PAULin. FITSON-A-Fin.	USPAT; US-FGFUB;	20(3, . € 20 13:36
		rectifying protociting raphs () negative-working (resist protocesist photo-resist photosensitive photo-sensitive (sensitive near (photo-light energy radiation) near (legative)) ((RAY-FEVIN-B.in. FAY-FEVIN-BAFFYin. RAY-FE-B.in. FITSON-ANTHONY-Pin. KITSON-Ain. FITSON-Ain. FITSON-A-Pin.) and ((lithographs 6 photo-lithographs 6 printing) near (plate))		
28		(inyirophilic polyester at aluminum ancdiced) near (plate support substrate base): same (trpccat ((second! apper top) near (layer custing film)): same (basecoat (first! lower bottom base near (layer coating film)):	USPAT; US-PGPUB; EFO; JPO; DERWENT	2003/16,20 13:42
34	8104	<pre>(ir! infrared adj radiation infra-red infra infrared) adj absorb\$3</pre>	USPAT; US-FGPUB; EPO; JPO;	2003/(4/20 13:54
35	12	<pre>(terpolymer polymer\$3 copolymer\$3 co-polymer\$3) with methacrylamide with (methacrylic adj abid) with</pre>	DEPWENT USFAT; US-PGPUB; EPO; JPO;	2003:16/20 13:56
37	24	n-phenylmale:milie o-napthoguinane	DEFWENT USPAT; US-FGPUE; EPJ; JPG;	2003 06 20 14:02
38	687	o-naph noquingne	DEFWENT USFAT; US-FGPUB;	2003 06 30 14:02
39	13627	\$naphth.oquinones	EPC; JPO; DEFWENT USFAT; US-PGPUB; EPC; JPO;	2003,06 20 14:03
4 C	2279	quinon-miazida	DEFWENT USFAT; US-PGPUH; EPC; JPO;	2003/06 IO 14:04
41		upper top' near (layer coating film '	DERWENT	2003/06/20 14:20
Search Histor	7 6/2	10/03 n.40.54 pv	PERMENT	

42	<pre>1 (c-quinonediazide c-napthoquinone o-naphthoquinone \$napnthoquinone\$ quinchediazide, with (topocat ((second! upper top) near layer coating film,)) with ((flopi03 blanket) near2 (expos\$4 irradiat\$5);</pre>	USPAT; US-P3PUE; EPD; JPO; DERWENT	0003'06/20 14:05
43	<pre>0 ((o-guinonediazide o-napthoguinone o-naphthoguinone @naphthoguinone@ quinonediazide) with (topocat ((second! upper top) near layer coating film)))) same (inydrophilic polyester al aluminum anodized) near2 plate support substrate case)) same (flood@3 blanket) near2 iexpos@4 irradiat@5))</pre>	USFAT; US-PGPUE; EPI; JPC; DEFWENT	2003 06,20 14:06
44	<pre>6 :(o-guinomediazide b-mapthoquinome b-maphthoquinome %maphthoquinome% quinomediazide) with (topopat ((second! upper top) near layer coating film)))) same ((mydrophilic polyester al aluminum ancdized) near& plate support substrate base))</pre>	USFAT; US-PGPUB; EPO; JPO; DEFWENT	2003 06/20 14:09
46	2 :((b-quinomediazide c-napthoquinthe b-naphthoquinome \$naphthoquinome\$ quinthediazide) with (topcoat ((second! upper top) near (layer ocating film)))) and ((negative hear? (working patterning lithograph\$6 photolithograph\$6)) negative-working negative)) and ((hydrophilic polyester al aluminum anodized) near? plate support substrate base)) and ((flood\$? blanket) near? (expos\$4 irradiat\$?)) and ((ir! infrared adj radiation) (photothermal adj conversion : ((ir! infrared adj radiation infra-red infra adj red))	USEAT; US-EGPUE; EPO; JPO; DEEWENT	1003,06/20 14:17
45	32 ((b-quinomediaride b-napthoquinome c-naphthoquinome \$naphthoquinome\$ quinomediaride) with (topocat ((second! upper top) hear (layer ocating film)))) and ((negative hear2 (working patterning lithograph\$6 photolithograph\$6)) negative-working hegative)	USEAT; US-EGPUE; EEC; JPC; EEPWENT	2003/06/20 14:19
47	<pre>2 (((o-quinonediazide t-napthoquinone c-naphthoquinone \$naphthoquinone\$ quinchediazide) with (topopat ((second! upper top) hear (layer poating film)))) and ((negative hear! (working patterning lithograph\$& photolithograph\$&)) negative-working negative)) and ((flood\$3 blanket) hear! (expos\$4 irradiat\$E)) and ((ir! infrared adj radiation) (photothermal adj conversion) ((ir! infrared adj radiation infra-red infra infrared adj absorb\$B) (infra-red infra adj red);</pre>	USFAT; US-PGPUB; EFC; JPO; DEFWENT	2003/06/20 14:17
49	((hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) same (topotat ((second! upper top) near (layer coating film))) same (basecoa ((first! lower bottom base) near (layer coating film))) same ((flood\$3 blanket) near2 (expos\$4 irradiat\$5)) same ((ir! infrared adj radiation) (photothermal adj conversion) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared) adj abscrb\$3.		2003/06/20 14:20

49	76	<pre>((hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) and topcoat ((second! upper top) near (layer coating film))) and (basecoat ((first! lower bottom base, near (layer coating film)); and ((floods: blanket, near2 expos@4 irradiat@5)) and ((ir! infrared add radiation, (photothermal add conversion) (infra-red infra add red) ((ir! infrared add radiation infra-red infra infrared) add absorb@3))</pre>	USPAT; US-PSPUB; EPO; JPO; DERWENT	2003/06/20 14:20
50	Ö	(b-quinonediazide b-napthoquinone benaphthoquinone; quinonediazide) and (((hydrophilic polyester al aluminum anodized) hear? (plate support substrate base)) and (toppost ((second! upper top) hear (layer doating film))) and (hasedoat ((first! lower bottom base) hear (layer doating film))) and ((flood\$3 blanket) hear? (expos\$4 irradiat\$5)) and ((ir! infrared and radiation (photothermal addictiversion)) (infra-red infra addiction infra-red	US:AT; US-PGPUE; EPO; JPO; DEFWENT	2003'06'20 14:59
51	8	infra infrared) adj absorb\$3))) ((b-quinonediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinonediazide) and (((hydrophilic polyester al aluminum anodized) hear? (plate support substrate base)) and (topcoat ((second! upper top) hear (Layer ocating film)) and (hasecoat ((first! lower hittom base) hear (layer coating film))) and ((flood\$3 blanket) hear? (expos\$4 irradiat\$5)) and ((ir! infrared adj radiation (photothermal adj conversion) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared; adj absorb\$3)))) and (hegative-working negative)	USFAT; US-PGPUE; EPO; JPO; DEFWENT	2003/05/20 14:23
52	4	(o-quinthediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinchediazide) same (indenedarbixylic adj	USEAT; US-EGPUE; EFO; JPO;	2003/05/20 15:22
53	14	acid) same indene (("20030104307") or ("6555291") or ("6534236") or ("6451605") or ("6143470") or ("5919600": or ("5641603")).EN.	DEFWENT USEAT; USEAT; USEGPUE; EFC; JPC; DEFWENT	2003/06.20 15:22
54	7	((("200301)4307") or ("6555291") or ("6534235") or ("6451505") or ("6143470") or ("5919600" or ("5641603")).FN.) and ((flood\$) blanket) near2 (expos\$4 irradiat\$5))	USEAT; US-PGPUB;	2003/06, 20 15:36
55	2	("4544627": . P.; .	USFAT; US-PGPUB; EFC; JPC; DEFWENT	2003/06.20 15:46
56	1		USFAT	2003/06/20 15:39
57	1		USFAT	2003/06/20 15:39
59	1		USFAT	2003 06/20 15:41
59	1		USFAT	2003.06.20 15:41
60 61	-		USFAT USFAT	2003/06/20 15:41 2003/06/10 15:41
62	•		USFAT	2003/06/10 15:42
63	:		USPAT	2003/06/20 15:42
64	-		USPAT	2003/06/20 15:42
65 67		"4105450".FN. "4063949".PN. "4029111".PN.	USPAT	2003-06/20 15:42
	¥.0	"4105450".FN. "4063949".FN. "4025111".FN. "3929466".FN. "3900325".FN. US-3759711-A.DID. US-3567453-A.DID. "4356254".FN. "4356254".FN.	USPAT; US-PGPUB; EPC; JPC; DERWENT	2003#06+20 15:43

69	1	("4105450".PN. "4063949".PN. "4028111".PN. "3929488".PN. "3900325".PN. US-3759711-A.DID. US-3567453-A.DID. "3567453".PN. "4196003".PN. "4356254".PN.) and : basecoat ((first! lower hottom base) near layer coating film))) underlayer under-layer)	USFAT; US-PGPUB; EPI; JPD; DEFWENT	2003/06/20 15:44
69	Ĉ	("4108450".PN. "4068949".PN. "4028111".PN. "3929488".PN. "3920328".PN. US-3789711-A.DID. US-3567453-A.DID. "3567452".PN. "4136003".PN. "4356254".PN.) and (topocat ((second! upper top) near (layer coating film:)))	USEAT; US-PGPUE; EPC; JPO; DEFWENT	2003'06'30 15:44
70 71		4544627.URPN. (:terpolymer polymer\$6 copolymer\$8 co-polymer\$3) with methacrylamide with (methacrylic acj acid) with n-phenylmaleimide: and ((negative near2 (working patterning lithograph\$6 photolithograph\$6.) negative-working ((nydrophilic polyester al aluminum anidized) near2 (plate support substrate base)) ((lithograph\$6 photolithograph\$6 photo-lithograph\$6 photo-lithograph\$6 photo-lithograph\$6 photo-lithograph\$6 photo-lithograph\$6	USEAT; USEAT; USEPGPUE; EPI; JPI; DEFWENT	2003/06/20 16:01 2003/06/20 16:15
72	12608	underlayer under-layer	USFAT; US-PGPUE; EFO; JPD; DEPWENT	2003/06/20 16:10
73	606	<pre>((raseciat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topcoat (second! upper top) near (layer coating film)))</pre>	USFAT; US-PGPUB; EFD; JPD; DEFWENT	2003 06/20 16:16
74	24	((kasecoat ((first! lower rottom base) near (layer obtaing film))) (underlayer under-layer)) with (hydrophilic polyester al aluminum anodized; near2 (plate support substrate base)) with ((topcoat (second! upper top) near (layer coating film)) near3 ((resist photoresist photoresist photosensitive photo-sensitive (sensitive near (photo light energy radiation)); photoimac\$5))	USPAT; USPBPUE; EFC; JPB; DEFWENT	::003,06:30 16:11
75	0	WC-0146318-\$.aid.	USPAT; US-PGPUB; EFO; JPD; DEFWENT	2003/06/20 16:15
76	٥	WO-01(46318-\$.did.	USFAT; US-PGPUB; EPC; UPC; DEFWENT	1003,06,20 16:15
	J	W0-010046318-3.did.	USFAT; US-PGPUB; EPC; JP1; DEFWENT	1003/06, 20 16:15
73	1	WO-200146319-\$.did.	USEAT; US-PGPUE; EPG; JPG; DERWENT	2003/06,20 16:15
79	19889	((basecoat ((first! lower bottom base) near (layer coating film):) (underlayer under-layer) with (benefit improvs5 better)	USFAT; US-PGPUH; EPO; JPO; DERWENT	2003/06/20 16:59

81	94	<pre>(((basecoat @(first! lower bottom base) near (layer coating film))) (underlayer under-layer) with ((hydrophilid polyester al aluminum anodized) near2 (plate support substrate base) with (topocat (second! upper top) near (layer doating film))) and ((basecoat (first! lower bottom base) near (layer doating film)); underlayer under-layer)) with (benefit improv\$5 better))</pre>	USPAT; US-P3PUB; EP0; JPO; DESWENT	2003/06/20 16:17
82	35	<pre>c)(pasecoat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (inydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topocat ((second! upper top) near (layer coating film)))) same ((ipasecoat infirst! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (benefit improv\$5 retter))</pre>	USFAT; US-PSPUB; EPC; JPC; DEFWENT	2003/06/20 16:18
83	3	()((nasectat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with ((hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topcoat ((second! upper top) near (layer coating film))) same (((baseccat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (benefit improv@f retter))) and (printing adj plate)	US:AT; US-PGPUB; EBC; JPC; DESWENT	#303 06 W0 16:59
84	7	((flood\$3 blanket) near2 (expos\$4 irradiat\$5)) with (prior before preceed\$3) with ((ir! infrared adj radiation) (infra-red infra adj red) photoablat\$5 ablat\$5)	USPAT; US-PGPUE; EFO; JPO; DEFWENT	2003/06/20 16:30
85	14	((flood\$3 blanket) near2 (expos\$4 irradiat\$5)) with (then after following) with ((ir! infrared adj radiation) (infra-red infra adj red) photoablat\$5 ablat\$5	USFAT; US-PGPUB; EFT; JPC; DEFWENT	2003:06/20 16:49
86	0	(("4544627").FN.) and ((ir! infrared adj radiation) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared adj absorb\$3))	USPAT; US-PGPUB; EPO; JPO; LESWENT	1003 06 m0 16:50
87	1	(("4544627").FN.) and (infrared)	USPAT; US-PGPUB; ESC; JPC; PERWENT	1003 06 20 16:51
୫୫	353477	ir! infrared	USEAT; US-PGPUE; EEC; JPC; DEPWENT	2003 06 20 16:52
89	60	((flcod\$3 blanket) near2 (expos\$4 irradiat\$5)) with (ir! infrared	USEAT; US-PGPUE; EPC; JPC; DERWENT	2003.06720 17:03
90	33	<pre>(((flood\$1 blanket) near2 (expos\$4 irradiat\$5)) with (ir! infrared)) and ((top-coat ((second! upper top) near (layer coating film))) (basecoat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer);</pre>	USFAT; US-PGPUE;	2003/06/20 16:59
91		<pre>(intermediate' with (benefit improv35 better)</pre>	USFAT; US-PGPUE; EPO; JPO; DERWENT	2003/06/20 16:59
92	445	<pre>(intermediate) with (benefit improved better) and printing add place)</pre>	USFAT; US-PGPUE; EPO; JPO; DERWENT	2003/06/20 17:11

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93	5	<pre>((intermediate) with (benefit improv\$5 better)) and (printing adj plate) and (ir! infrared) and ((flood\$3 blanket) near2</pre>	USPAT; US-PGPUP; EPO; JPO;	2003/06/20 17:01
94	4	<pre>(expos\$4 irradiat\$5;) ((flood\$3 blanket) near2 'expos\$4 irradiat\$5); with + ir! infrared; near3 (ablat\$6 photoblat\$5 photo-ablat\$5 patternwise pattern-wise imagwise</pre>	DERWENT USEAT; USEPGPUE; EPC; UPC; DERWENT	2003/06/30 17:06
Ġ ť,	650	<pre>image-wise); (ir! infrared; with (visible adj (light radiation)) with (better prefer\$5 improv\$5)</pre>	USEAT; US-PGPUE; EPG; JPC; DERWENT	2003/06/20 17:15
96	47	<pre>(ir! infrared) near3 (visible adj (light radiation)) near3 (better prefer\$5 improv\$5)</pre>	USFAT	2003 706 720 17:08
97	11	((ir! infrared) with (visible adj (light radiation)) with (better prefer\$5 improv\$5)) and (printing adj plate)	USFAT; US-PGPUB; EPC; JPI; DEFWENT	.:903/06/20 17:12
9 <u>8</u>	411	<pre>(ir! infrared) with (visible adj (light radiation)) and (printing adj plate)</pre>	USEAT; US-PGPUP; EPO; JPO; DERWENT	0303 06 20 17:1 5
99	273	<pre>(ir! infrared) with (visible adj (light radiation)) and (printing adj plate)</pre>	USFAT	1003/16,20 17:17
100	14	<pre>(ir! infrared) with (visible adj (light radiation)) with (known conventional\$3 typical\$3) and (printing adj plate)</pre>	USFAT	1003 06/.0 17:14
101	24	<pre>(ir! infrared) same (visible adj (light radiation)) same (known conventional\$3 typical\$3) same (printing adj plate)</pre>	USFAT	2003/16/20 17:46
102	1	us-4544627-\$.did. and (phenolic phenol)	USFAT	2003/06/20 17:52
103		(ir! infrared) with diazo adj dye	USPAT	1003/06/10 17:52
104		(ir! infrared) with (diaze adj dye)	USFAT	0003/06/10 17:53
105	0	(ir! infrared) with (anthroaquinone adj dye)	USPAT	1003/16/.0 17:53
106		(ir! infrared) with (carbonium adj dye)	USPAT	1003,06,10 17:56
107	5	((ir! infrared) with (carbonium adj dye)) and (c-quinonediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinonediazide)	USPAT	1003/06.20 18:37
109	1	us-5631119-\$.did. and (ir! infrared)	USPAT	2003,06/20 18:37

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